Sheep Pancreastatin ELISA Kit | Pancreastatin elisa kit

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CATALOG #	REACTIVITY
AAA92669	**Sheep**

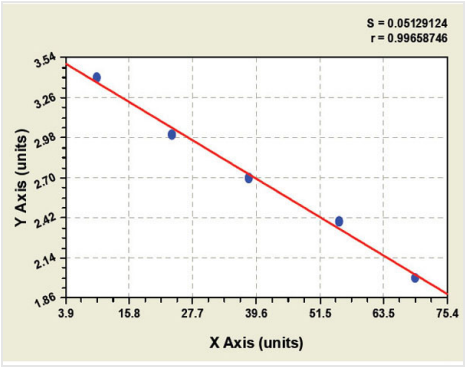
PRODUCT SYNONYMS

Pancreastatin; Sheep Pancreastatin ELISA Kit; Pancreastatin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This Pancreastatin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep Pancreastatin. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pancreastatin elisa kit	**Principle of the Assay:** Pancreastatin ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Pancreastatin antibody and an Pancreastatin-HRP conjugate. The assay sample and buffer are incubated together with Pancreastatin-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Pancreastatin concentration since Pancreastatin from samples and Pancreastatin-HRP conjugate compete for the anti-Pancreastatin antibody binding site. Since the number of sites is limited, as more sites are occupied by Pancreastatin from the sample, fewer sites are left to bind Pancreastatin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Pancreastatin concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	225385
NCBI Official Full Name	pancreastatin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/sheep-elisa-kits/pancreastatin/92669